

Converting Colors

YUV(171.5850, 39.6446,
-22.4380)

Have a look what the booklet for
YUV(171.5850, 39.6446, -22.4380)
contains.

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Color

**YUV(171.5850, 39.6446,
-22.4380)**

Conversions

Conversions Part 1

Format	Color
Hex	92A9FC
RGB	146, 169, 252
RGB Percent	57%, 66%, 99%
CMY	0.4275, 0.3373, 0.0118
CMYK	0.42, 0.33, 0.00, 0.01
HSL	227°, 95%, 78%
HSV	227°, 42%, 99%
XYZ	43.6127, 41.5152, 97.8101
YIQ	171.5850, -40.3510, 20.9370

Conversions

Conversions Part 2

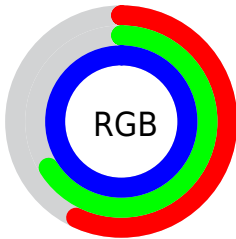
Format	Color
R _Y B	146, 165, 252
Decimal	9611772
CIE Lab	70.54, 12.65, -43.78
CIE LCh	71, 45.570, 286.122
Yxy	41.5152, 0.2384, 0.2269
Android (android.graphics.Color)	4287801852 (0xFF92A9FC)
YUV	171.5850, 39.6446, -22.4380
Hunter-Lab	64.4323, 8.0660, -44.9013

Details

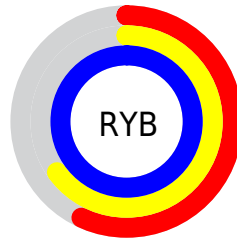
The YUV color $171.5850, 39.6446, -22.4380$ is a light color, and the websafe version is hex $6699FF$. A complement of this color would be $226.4150, -39.6446, 22.4380$, and the grayscale version is $171.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $221.2550, 16.6363, -16.0096$, and $117.8190, 38.0502, -24.3973$ is the 20% darker color. If you saturate the color by 10%, you get $152.3700, 49.1176, -27.5115$, and if you desaturate by 10%, it is $190.8000, 30.1716, -17.3646$.

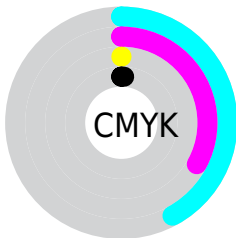
Distribution



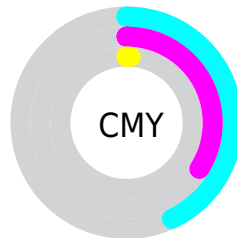
- Red (57%)
- Green (66%)
- Blue (99%)



- Red (57%)
- Yellow (65%)
- Blue (99%)



- Cyan (42%)
- Magenta (33%)
- Yellow (0%)
- Black (1%)



- Cyan (43%)
- Magenta (34%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.5850, 39.6446, -22.4380 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 171.5850, 39.6446, -22.4380 by changing the saturation by 10% instead.

■ 171.5850, 39.6446,
-22.4380

■ 171.5850, 39.6446,
-22.4380

255.0000, 0.0000,
0.0000

■ 144.6450, 38.6290,
-23.3677

■ 221.2550, 16.6363,
-16.0096

■ 117.8190, 38.0502,
-24.3973

■ 247.2480, 3.8217,
-12.4955

■ 91.5690, 37.1875,
-27.6860

■ 64.9380, 37.4986,
-34.1486

■ 41.2860, 36.3410,
-36.2078

■ 26.6960, 31.2089,
-23.4124

■ 7.5240, 28.8287,

-6.5985

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 171.5850, 39.6446,
-22.4380

■ 171.5850, 39.6446,
-22.4380

■ 152.3700, 49.1176,
-27.5115

■ 190.8000, 30.1716,
-17.3646

■ 133.7420, 58.3012,
-33.0997

■ 209.4280, 20.9880,
-11.7764

■ 114.2280, 67.9216,
-38.7880

■ 228.9420, 11.3676,
-6.0881

■ 95.0130, 77.3946,
-43.8614

■ 248.1570, 1.8946,
-1.0147

■ 75.7980, 86.8676,
-48.9348

254.6580, -1.3104,
0.2999

■ 61.0130, 94.1566,
-53.5084

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



152.3060, 49.1491, -84.4604



171.5850, 39.6446, -22.4380



177.3260, 25.9683, 24.2701

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



171.5850, 39.6446, -22.4380



172.9310, -28.5600, 60.5735



150.8370, 0.0804, -72.6480

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



171.5850, 39.6446, -22.4380



226.4150, -39.6446, 22.4380

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



161.2220, -23.7734, -28.2587



171.5850, 39.6446, -22.4380



170.3400, -39.1146, 39.1668

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



171.5850, 39.6446, -22.4380



174.2690, -10.9786, 68.1701



166.8970, -37.4172, 7.9833



135.9940, 28.5970, -119.2667

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



171.5850, 39.6446, -22.4380



177.1950, 14.6939, 47.1870



166.8970, -37.4172, 7.9833



155.3570, -8.5570, -55.5641

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



171.5850, 39.6446, -22.4380



229.8710, 12.3886, -6.9029



217.4560, 4.7052, -62.6669



112.3290, 7.7258, -4.6735



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



171.5850, 39.6446, -22.4380



158.3270, 47.6598, -26.5968



166.4560, 42.1732, 6.6161



115.2430, 4.8102, -2.8441



45.6130, 70.6898, -40.0026



14.5850, 22.8826, -12.7910

Inverse Universe

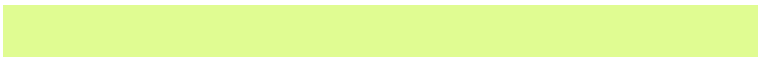
The Inverse Universe completely reimagines the original color for something new.



180.3160, -5.5788, 62.8669



169.0510, -6.9271, 75.3773



231.5440, -42.1732, -6.6161



116.2290, -0.6059, 7.6922



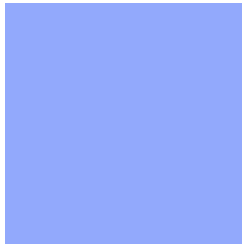
61.1850, -9.9512, 112.0938



19.7210, -3.3135, 36.2017

Previews

White Background



This preview shows how the YUV color 171.5850, 39.6446, -22.4380 looks on a white background.

Color Contrast Check

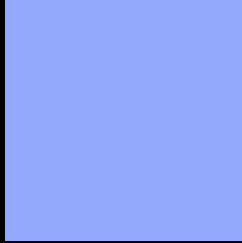
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 171.5850, 39.6446, -22.4380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

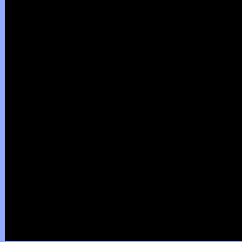
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 171.5850, 39.6446, -22.4380

Background



This preview shows how black text looks on a background with the YUV color 171.5850, 39.6446, -22.4380.



This preview shows how white text looks on a background with the YUV color 171.5850, 39.6446, -22.4380.

-22.4380.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

171.5850, 39.6446, -22.4380

Protanopia

171.2860, 39.7920, -23.0528

Deuteranopia

170.6660, 40.0977, -27.7711



Tritanopia

167.0590, 13.7749, -31.6237

Trichromacy



Original Color

171.5850, 39.6446, -22.4380

Protanomaly

171.2860, 39.7920, -23.0528

Deuteranomaly

170.9760, 39.9448, -25.4120

Tritanomaly

168.6000, 23.3682, -28.5902

Monochromacy



Original Color

171.5850, 39.6446, -22.4380

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.0280, 14.2832, -7.9176

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.5850, 39.6446, -22.4380 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(146, 169, 252)` looks like.

```
.text, #text, p{  
    color:rgb(146, 169, 252)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(146, 169, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 169, 252) }
```

Border

The CSS property to change the border of an element to YUV 171.5850, 39.6446, -22.4380 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(146, 169, 252) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(146, 169, 252) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(146, 169, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 169, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 169, 252);  
box-shadow:4px 4px 4px 4px rgb(146, 169,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 171.5850, 39.6446, -22.4380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 169, 252) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(146,  
169, 252) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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